5. Press Note 15 (1998 series) and Press Note (2000 series) issued by Department of Industrial Policy & Promotion stand modified to the above extent.

SD/-
(UMESH KUMAR)
Joint Secretary to the Government of India
No. 9(1)/2002-FC dated 3rd November, 2005

Shortage of software and hardware engineers

2731. SHRI N.R. GOVINDARAJAR: Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

(a) whether there is a shortage of software and hardware engineers in the country;

(b) if so, whether Government have assessed the actual requirement of software and hardware engineers;

(c) if so, the details thereof;

(d) the number of enginerrs coming out of professional colleges in each State as on date; and

(e) the steps taken/proposed to be taken to ensure all of them are absorbed within the country?

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (DR. SHAKEEL AHMAD): (a) to (c) The assessment of human resource requirment for the IT sector is a continous process. NASSCOM and the Department of Information Technology (DIT) have been continously looking at this sector's rquirement from time to time. This has resulted in DIT initiating measures to generate manpower in key verticalls like bioinformatics, VLSI Design and Information Security; NASSCOM launching a pilot phase of NAC programme- NASSCOM'S Assessment of competence to help the ITES-BPO industry; and ITES-BPO course implemented by DOEACC Society in North East and Jammu & Kashmir to enhance the skills of youth for employment in ITeS-BPO sector.

(d) and (e) The available manpower resources based on intake capacity in the Engineering Degree as approved by All India Council for Technical Education in 2005-06 is 499697 (includes Computer Science & Engineering/ IT - 214488). The State-wise breakup is enclosed as Statement. (*See* below).

IT-ITeS is a globally competitive segment of the industry that has grown at a CAGR over 28% since financial year 1999-2000, which generates employment based on merit.

Statement

Number of Institutions (NOI) and intake approved in Engineering till academic year 2005-2006

Region	State/UT	Engineering	
		NOI	Intake
Central	Madhya Pradesh	71	24630
	Chhattisgarh	15	5120
	Gujarat	39	14336
Eastern	Mizoram	1	120
	Sikkim	1	420
	Orissa	43	11517
	West Bengal	57	13305
	Tripura	1	190
	Meghalaya	1	240
	Arunachal Pradesh	1	198
	Andaman & Nicobar	0	0
	Assam	3	901
	Manipur	1	120
	Nagaland	0	0
	Jharkhand	10	2483
North	Bihar	12	2673
	Uttar Pradesh	106	37110
	Uttaranchal	11	3011
North-West	Chandigarh	8	1423
	Haryana	43	14132
	Jammu & Kashmir	6	1461
	New Delhi	20	5727
	Punjab	49	15345
	Rajasthan	51	16198
	Himachal Pradesh	5	1242

Region	State/UT	Engineering	
		NOI	Intake
South	Andhra Pradesh	274	97942
	Pondicherry	7	2466
	Tamil Nadu	265	102322
South-West	Karnataka	120	48515
	Kerala	89	25543
Western	Maharashtra	162	50276
	Goa	3	740
	Daman & Diu	0	0
	Dadar, N.H.		
	Grand Total	1475	499697

Withdrawal of notices by VSNL

2732. SHRI RAJKUMAR DHOOT: Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

(a) whether it is a fact that the VSNL had issued notices on 2nd March, 2006 to some MNCs and foreign carriers for the termination of remote access connectivity and DoT had to ask VSNL to withdraw the same;

(b) if so, the details thereof and the reasons therefor;

(c) whether all the notices have been withdrawn by VSNL; and

(d) if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (DR. SHAKEEL AHMAD): (a) to (d) In preparation for reporting compliance by 3rd March, 2006 of the amendments issued to National Long Distance/International Long Distance service licence agreements by the Department of Telecommunications on 14th December, 2005, Videsh Sanchar Nigam Limited (VSNL) had issued communication in February 2006 to eight Multi-national Companies (MNCs) and foreign carriers informing them about the requirements under modified licence conditions and resultant actions. Since the date of submitting compliance was extended to 2nd July, 2006, VSNL had communicated to